

Title (en)  
SYNTHETIC PICORNAVIRUS ANTIGEN.

Title (de)  
KÜNSTLICHES PIKORNAVIRUSANTIGEN.

Title (fr)  
ANTIGENE SYNTHETIQUE DU PICORNAVIRUS.

Publication  
**EP 0105346 A4 19871123 (EN)**

Application  
**EP 83901543 A 19830406**

Priority  
• US 36830882 A 19820414  
• US 47884783 A 19830325

Abstract (en)  
[origin: WO8303547A1] A specific synthetic antigenic peptide that contains a sequence of about 20 amino acid residues corresponding to a certain region of the antigenic Picornavirus capsid protein such as the VP1 capsids of foot-and-mouth disease and poliomyelitis viruses. That region is located at a distance of about 60 to about 75 percent of the total amino acid length measured from the amino-terminus. Specific synthetic peptide-containing vaccines that produces antibodies that protect animal hosts from the Picornaviruses, as well as antibodies to and diagnostics for Picornavirus antigens are disclosed.

IPC 1-7  
**A61K 39/125**; A61K 39/13; A61K 39/135; C07C 103/52; G01N 33/54; G01N 33/56

IPC 8 full level  
**C07K 14/085** (2006.01); **A61K 39/00** (2006.01)

CPC (source: EP US)  
**C07K 14/005** (2013.01 - EP); **A61K 39/00** (2013.01 - EP US); **C12N 2770/32122** (2013.01 - EP); **C12N 2770/32622** (2013.01 - EP); **Y02A 50/30** (2018.01 - EP); **Y02P 20/55** (2015.11 - EP)

Citation (search report)  
• EP 0044710 A1 19820127 - SCRIPPS CLINIC RES [US]  
• EP 0090581 A2 19831005 - BIOGEN NV [NL]  
• EP 0105481 A1 19840418 - WELLCOME FOUND [GB]

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**WO 8303547 A1 19831027**; CA 1253298 A 19890425; DE 3382459 D1 19911219; EP 0105346 A1 19840418; EP 0105346 A4 19871123; EP 0105346 B1 19911113; ES 521411 A0 19841216; ES 529298 A0 19850416; ES 8501980 A1 19841216; ES 8503952 A1 19850416; FI 80601 B 19900330; FI 80601 C 19900710; FI 834590 A0 19831214; FI 834590 A 19831214; IT 1197625 B 19881206; IT 8348094 A0 19830413; ZA 832644 B 19831228

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**US 8300477 W 19830406**; CA 425757 A 19830413; DE 3382459 T 19830406; EP 83901543 A 19830406; ES 521411 A 19830413; ES 529298 A 19840131; FI 834590 A 19831214; IT 4809483 A 19830413; ZA 832644 A 19830414